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supplied to the high temperature zone and combusted to generate sufficient heat to melt the tip end of the feed wire and spraying the molten feed wire material onto the cylinder wall of the engine block. According to a characterizing feature of the invention, the supply of the oxygen to the HVOF device is controlled in order to provide an oversupply of oxygen to the high temperature zone of the HVOF device in excess of the oxygen required for stoichiometric combustion of the gaseous fuel. The excess oxygen reacts with an associated fraction of the ferrous-based feed material in the high temperature zone to combust the associated fraction of the feed material as a source of solid fuel to generate a supplemental source of heat to the high temperature zone of the HVOF device.

IN THE DRAWINGS:

Figure 2 of the drawings has been amended to correct the lead line from numeral 32 to indicate the metal feed wire, rather than the oxygen supply as in the drawings filed with the application.

Enclosed are two copies of the drawing sheet – one copy with the amendment highlighted in red and one new formal drawing sheet.

Approval of this amendment is respectfully requested.

Respectfully submitted,



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Enclosures